



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/481,654	01/11/2000	John A. Lawton	PM-263288-D1029	5938

909 7590 07/25/2002

PILLSBURY WINTHROP, LLP
P.O. BOX 10500
MCLEAN, VA 22102

EXAMINER

HAMILTON, CYNTHIA

ART UNIT	PAPER NUMBER
----------	--------------

1752

18

DATE MAILED: 07/25/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Advisory Action

Application No.

09/481,654

Applicant(s)

LAWTON ET AL.

Examiner

Cynthia Hamilton

Art Unit

1752

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 15 July 2002 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

PERIOD FOR REPLY [check either a) or b)]

- a) ☒ The period for reply expires 3 months from the mailing date of the final rejection.
b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection. ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. ☐ A Notice of Appeal was filed on _____. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. ☒ The proposed amendment(s) will not be entered because:
(a) ☒ they raise new issues that would require further consideration and/or search (see NOTE below);
(b) ☒ they raise the issue of new matter (see Note below);
(c) ☐ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
(d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: See Continuation Sheet.

3. ☐ Applicant's reply has overcome the following rejection(s): _____.
4. ☒ Newly proposed or amended claim(s) 3 would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5. ☒ The a) ☐ affidavit, b) ☐ exhibit, or c) ☒ request for reconsideration has been considered but does NOT place the application in condition for allowance because: See Continuation Sheet.
6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7. ☒ For purposes of Appeal, the proposed amendment(s) a) ☒ will not be entered or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: none.

Claim(s) objected to: _____.

Claim(s) rejected: 1-77.

Claim(s) withdrawn from consideration: _____.

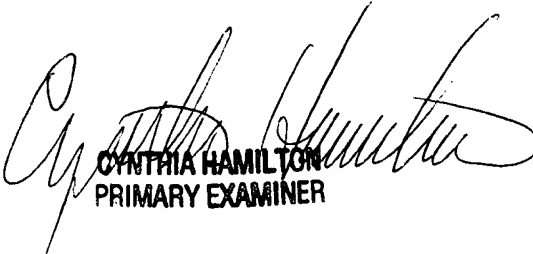
8. ☐ The proposed drawing correction filed on _____ is a) ☐ approved or b) ☐ disapproved by the Examiner.
9. ☐ Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____.
10. ☒ Other: See Continuation Sheet

CYNTHIA HAMILTON
PRIMARY EXAMINER

Continuation of 2. NOTE: (a) Claims 75-77 present the new issue of holding the molding process at a room relative humidity of above 50%. Applicants do not point out where this issue has been present previously (b) The support cited for the issue of 50% room relative humidity cited by applicants is not found to clearly support its presence at original filing date ..

Continuation of 5. does NOT place the application in condition for allowance because: Applicants argue that The Cibatool data sheets are only evidence for materials with 0.3 to 0.5 % water present because they are drawn to 15% relative humidity conditions to avoid the problems of more water present at higher humidities. Applicants misunderstand in what manner Cibatools is used as evidence. Cibatool is used as evidence that the compositions of Tsao et al, Land, Steinmann et al and Ohkawa et al inherently possess the amounts of water set forth by applicants when they are equilibrated to standard operating conditions. Cibatool is used to show that the compositions do absorb water under ordinary conditions and require extra ordinary conditions to avoid the addition of water as the materials equilibrate to room conditions upon storage or ordinary use. Cibatool shows that at somewhere between 15% and 32% relative humidity the SL resins of Cibatool do pass into the range of relative humidity set forth in the instant claims and stay in that range for up to and possibly above 64% humidity. This is evidence that the compositions of the prior art would also have this range of water present in the relative humidities set forth by Cibatool and that such relative humidities are a concern in the stereolithographic process. Thus, the rejections stand as given.

Continuation of 10. Other: The examiner notes that claims 1-2 appear to be amended but they also appear to be amended as they were in the entered office action of February 7, 2002. No comment is made by applicants as to a change in the claims. The examiner states again for the record that the amendment of February 7, 2002 was entered..


CYNTHIA HAMILTON
PRIMARY EXAMINER